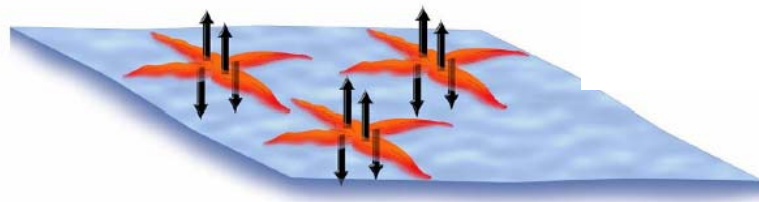


### Board on Physics and Astronomy, DMR-0137236

#### Highlights

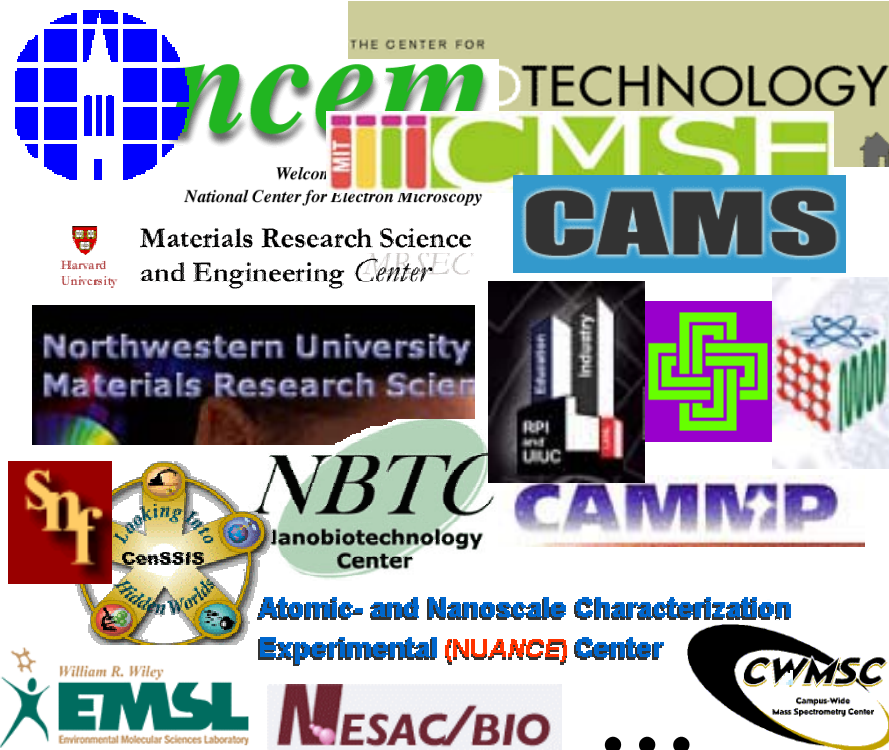
The SSSC is facilitating two ongoing policy studies related to materials science:

- *Opportunities in high magnetic field science.* One interesting development in this area is the recent success using high-field magnets in NMR for biological structure determination. The committee, chaired by Peter Moore, is exploring this novel application and other uses of high-field magnets.
- *Small and mid-sized multi-user facilities in materials research.* Chaired by Bob Sinclair, this committee will make recommendations about best practices, lessons learned, and national coordination of siting and management of "smaller facilities."



*Vortices as Nanomagnets –*

*Gabriel Aeppli, London Centre for Nanotechnology*



## **Education & Outreach**

The SSSC facilitates the production of reports both for the technical community and for the general public. The Committee on Smaller Facilities and the Committee on High Magnetic Field Science will both release reports in 2004.

Other recent reports are shown at right.

